

CLAIMS:

1. A syringe pump, comprising:

a flange attaching section having a flange supporting section and a movable section, the flange supporting section being brought into pressure contact with a flange section of a barrel of a syringe so as to support the flange section, the movable section being capable of approaching the flange supporting section and separating therefrom due to rotational moving, the flange section being attached between the flange supporting section and the movable section; and
a flange attaching operation section for moving the movable section rotationally.

2. The syringe pump according to claim 1, further comprising:

a barrel attaching section having a barrel supporting section and a barrel pressing section, the barrel supporting section being brought into pressure contact with the barrel so as to support the barrel, the barrel pressing section pressing the barrel against the barrel supporting section and releasing the pressing,

wherein the flange attaching operation section serves also as the barrel pressing section.

3. A syringe pump, comprising:

a flange attaching section having a flange supporting section and a movable section, the flange supporting section

being brought into pressure contact with a flange section of a barrel of a syringe so as to support the flange section, the movable section being capable of approaching the flange supporting section and separating therefrom due to rotational moving, the flange section being attached between the flange supporting section and the movable section;

a barrel attaching section having a barrel supporting section and a barrel pressing section, the barrel supporting section being brought into pressure contact with the barrel so as to support the barrel, the barrel pressing section pressing the barrel against the barrel supporting section and releasing the pressing; and

a differential section for instructing the barrel pressing section to execute the pressing after the approaching of the movable section is ended.

4. A syringe pump, comprising:

a flange attaching section to which a flange section of a barrel of a syringe is attached; and

a detecting section for detecting whether the flange section is attached to the flange attaching section or not.